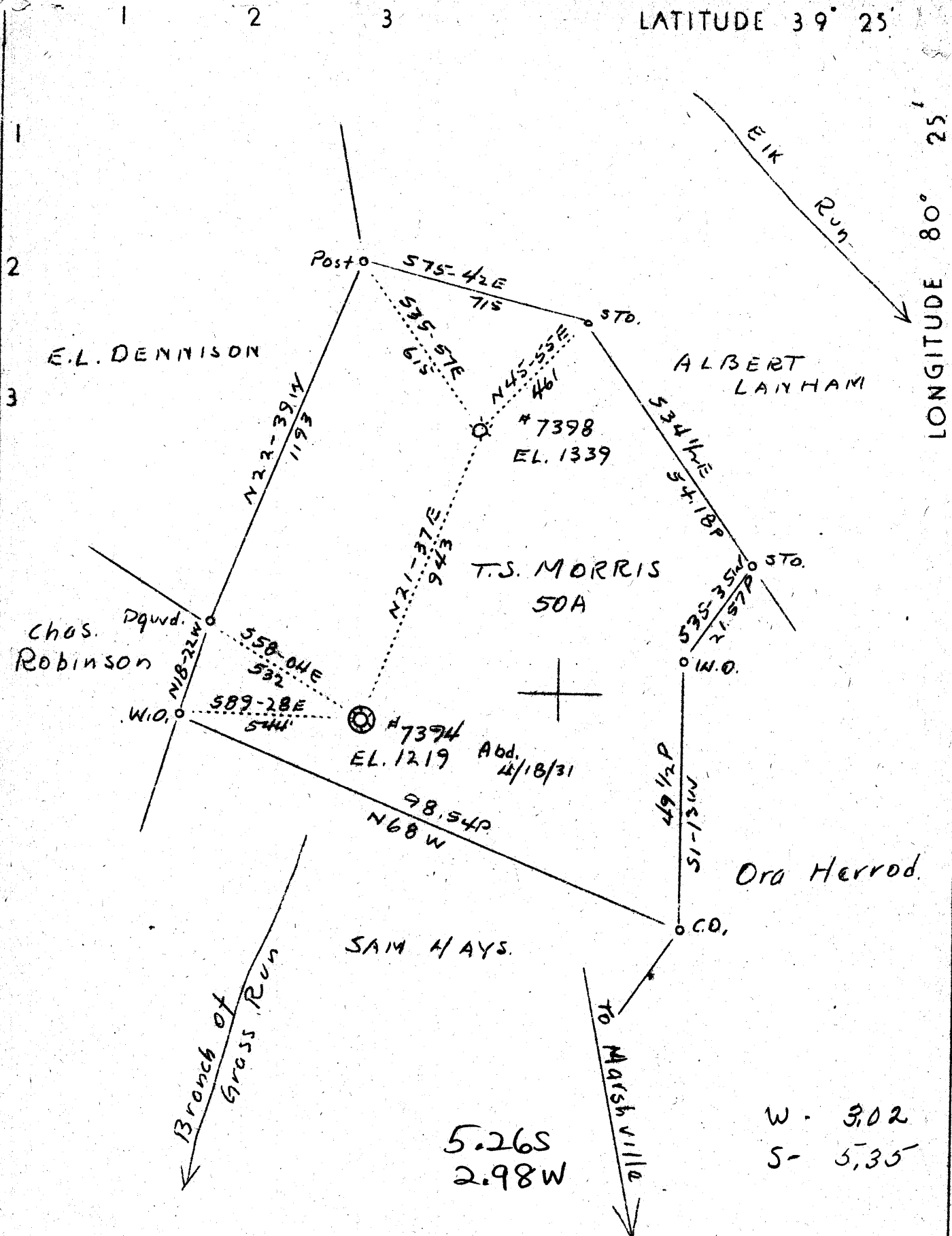


LATITUDE 39° 25'

LONGITUDE 80° 25'



Abd. #7398

F.B. 506 P 25 58 E 8 MAP 44

Company	Hope Natural Gas Co.
Address	Clarksburg, W. Va.
Farm	Thos. Morris
Tract	1
Acres	50
Lease No.	44609
Well (Farm) No.	2
Serial No.	7398
Elevation (SL)	1339
Quadrangle	Clarksburg W
County	Harrison
District	Ten Mile
Engineer	W. M. Bowers
Eng. Reg. No.	900
Date	Sept. 7, 1939
Scale	1" = 400'

STATE OF WEST VIRGINIA
 Department of Mines
 OIL & GAS DIVISION
 Charleston

WELL LOCATION MAP
 File No. HAR-531A

x Denotes location of well on U. S. Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

W - 3.02
 S - 5.35

5.26S
 2.98W

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

432

WELL RECORD

AB 531-A
Permit No.

Oil or Gas Well **Gas**
(Kind)

Company **Hope Natural Gas Company**
Address **Clarksburg, W. Va.**
Farm **Thos. Morris** Acres **50**
Location (waters) **Grass Run**
Well No. **7398** (2) Elev. **1339**
District **Ten Mile** County **Harrison**
The surface of tract is owned in fee by
Address
Mineral rights are owned by
Address
Drilling commenced **Sept. 12, 1925**
Drilling completed **Dec. 16, 1925. Deeper in 1931**
Date shot **Not shot** Depth of shot
Open Flow /10ths Water in Inch
/10ths Merc. in Inch
Volume Cu. Ft.
Rock Pressure lbs. hrs.
Oil bbls., 1st 24 hrs.
Fresh water **None recorded** feet feet
Salt water **1370-1377-1650** feet feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
18			
10	218	218	Size of
8 1/4	1242	1242	
6 5/8	1805	1805	Depth set
5 3/16			
3	2971	Pulled	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED SIZE No. FT. Date
Not cemented
COAL WAS ENCOUNTERED AT **758** FEET **72** INCHES
..... FEET INCHES FEET INCHES
..... FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Pittsburgh Coal			758	764			
Little Dunkard Sand			1100	1190			
Big Dunkard Sand			1235	1335			
Salt Sand			1615	1678	Water	1370-1377	
Maxon Sand			2008	2043	Water	1650	
Big Lime			2075	2114	Gas	2018-2040	
Big Injun Sand			2114	2280			
Gentz Sand			2400	2515			
Fifty Foot Sand			2675	2696			
Thirty Foot Sand			2753	2764	Gas	2755-2758	
Gordon Sand			2804	2886			
Fourth Sand			2890	2928	Gas	2890-2895	
		Total Depth		2936			

